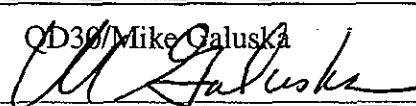
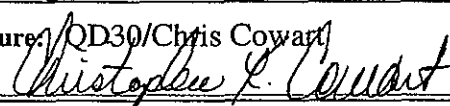
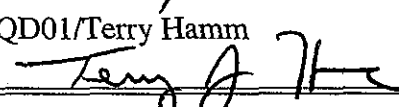


S&MA Mission Services Technical Directive

Control No: 0146	Org. Code: QD30	Project Code: LOCAD	Contract #: NAS8-00179
Originator: QD30/Mike Galuska 		Date: March 3 2005	
Office Manager's Signature: QD30/Chris Cowart 		Date: 3/3/2005	
COTR's Signature: QD01/Terry Hamm 		Date: 3-10-05	
Subject: Safety & Mission Assurance support for the Lab-On-a-Chip (LOCAD).			
<p>Task Description: S&MA support for the Lab-On-a-Chip; this is an in-house Project Design effort. The above named project requires support to be provided to the Cargo Assurance Department for the following Performance Work Statements.</p> <p><u>System Safety (PWS 3.0) and Quality Assurance (PWS 6.0):</u></p> <ul style="list-style-type: none"> • Support Product Development Team • Evaluate project and project related plans and procedures • Participate in Project Team Meetings and TIMs • Support development of S&MA Plan • Review Safety Data Package/Hazard Analysis and Support Safety Reviews • Participate in Milestone Reviews • Evaluate inspection criteria and/or perform inspections • Support failure and problem analyses, MRB, and the non-conforming materials process for hardware • Evaluate engineering changes, waivers and deviations • Evaluate test plans and procedures and witness testing of hardware and software • Evaluate verification data and documentation 			
<p>Deliverables:</p> <ul style="list-style-type: none"> • Safety Engineering and Quality Engineering inputs to S&MA Plan, Hazard Analysis, Safety Data Package, Quality Plan, engineering changes, problem analyses, etc. • Review comments for Milestone Review documentation, project plans, procedures, drawings, process plans, etc. • Inspection results if warranted. • Presentation material for reviews. 			
<p>Duration/Schedule: Support schedules as defined by the Project</p>			
Report Progress To: S&MA Project Lead		Frequency of Report: As Requested	